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[Integrating prosodic and lexical cues for automatic **topic segmentation**](#)

[upenn.edu \[PDF\]](#)

G Tür, D Hakkani-Tür, A Stolcke, E Shriberg - Computational linguistics, 2001 - MIT Press

... we present two approaches for building a combined statistical model that performs **topic**

segmentation using all ... During testing, we declare a **topic** boundary whenever the tree's overall posterior estimate PDT ... varied to trade off false alarms for miss errors, or to **optimize** an overall ...

Cited by 86 - Related articles - All Direct - All 28 versions - Import into BibTeX

[Prosody-based automatic **segmentation** of speech into sentences and **topics**](#)

[arxiv.org \[PDF\]](#)

E Shriberg, A Stolcke, D Hakkani-Tür, G Tür - Speech communication, 2000 - Elsevier

... Author Keywords: Sentence **segmentation**; **Topic segmentation**; Prosody; Information extraction; Automatic speech recognition; Broadcast news; Switchboard. ... Finding sentence boundaries is a necessary first step for **topic segmentation**. ...

Cited by 289 - Related articles - All 17 versions - Import into BibTeX

[\[PDF\] A hidden Markov model approach to text **segmentation** and event tracking](#)

[umassd.edu \[PDF\]](#)

JP Yamron, I Carp, L Gillick, S Lowe, P ... - IEEE ..., 1998 - ece.umassd.edu

... the case, however, that the **topics** needed by the algorithm to **optimize** the **segmentation** ... We will frequently refer to these **topic** language models as background **topics** or background ... **Segmentation** Results Experiments were performed on the TDT Corpus, a collection of 15,863 ...

Cited by 91 - Related articles - View as HTML - All Direct - All 3 versions - Import into BibTeX

[\[PDF\] **Topic** detection and tracking pilot study: Final report](#)

[psu.edu \[PDF\]](#)

J Allan, J Carbonell, G Doddington, J Yamron, Y ... - Proceedings of the ..., 1998 - Citeseer

... it could be sped up consider- ably using standard information retrieval query **optimization** techniques. ... Discourse Based HMM **Segmentation** The second seg- mentation method uses a Hidden Markov Model to model "marker words," or words which predict a **topic** change. ...

Cited by 521 - Related articles - View as HTML - All 21 versions - Import into BibTeX

[\[BOOK\] Market **segmentation**: conceptual and methodological foundations](#)

M Wedel, WA Kamakura - 2000 - books.google.com

... **Segmentation** Methods 29 Table 5.1: The Most Important Similarity Coefficients 46 Table 5.2:

Definitions of **Cluster** Distance for several Types of Hierarchical Algorithms 49 Table 5.3:

Optimization Criteria in ... Selected **topics** in applied market **segmentation** are contained ...

Cited by 833 - Related articles - Library Search - All 2 versions - Import into BibTeX

[CITATION] Unsupervised texture **segmentation** in a deterministic annealing framework

T Hofmann, J Puzicha, JM Buhmann - IEEE Transactions on Pattern Analysis and ..., 1998

Cited by 144 - Related articles - Sl. Direct - All 26 versions - Import into BibTeX

[psu.edu \[PDF\]](#)

[PDF] Histogram clustering for unsupervised image **segmentation**

J Puzicha, T Hofmann, JM Buhmann - Proceedings of the IEEE Computer ..., 1999 - Citeseer

... Figure 1: Typical **segmentation** results with K = 5 for the algorithms under examination: a original ...

Deterministic Annealing Deterministic annealing DA is an **optimization** technique which allows us to improve the ... Details on this **topic** in the context of data clustering can be found in ...

Cited by 49 - Related articles - View as HTML - Sl. Direct - All 10 versions - Import into BibTeX

[psu.edu \[PDF\]](#)

Retail **segmentation** using artificial neural networks* 1

DS Boone, M Roehm - International journal of research in marketing, 2002 - Elsevier

... marketing settings, the magnitude of the body of research on the **topics** of **cluster** ... based on Hopfield

(1982) networks, an ANN particularly well suited for **segmentation** applications. ... is propagated within the net, making it highly useful for combinatorial **optimization** applications in ...

Cited by 28 - Related articles - All 5 versions - Import into BibTeX

Histogram clustering for unsupervised **segmentation** and image retrieval

J Puzicha, T Hofmann, JM Buhmann - Pattern Recognition Letters, 1999 - Elsevier

... also offers computational advantages, because it can be implemented efficiently by multi-scale

optimization techniques (Puzicha ... y Y P(y c(x)) n(x,y) . Returning to the texture **segmentation**

problem, we ... Details on this **topic** in the context of data clustering can be found in ([Rose et ...

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[psu.edu \[PDF\]](#)

Combining words and speech prosody for automatic **topic segmentation**

A Stolcke, E Shriberg, D Hakkani-Tür, G ... - ... News Workshop'99 ..., 1999 - books.google.com

... it is large enough to make two adjacent **topics** in the same **cluster** unlikely. ... classification stages,

which is both theoretically unappealing and inconvenient in the **optimization** of the ... 5. Conclusion

We have presented our work on automatic **topic segmentation** from speech, using a ...

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